

## ABSTRACT

5 A method and system are provided for generating a graphical representation of call-specific data in a wireless network in conjunction with Comarco and Hughes equipment. The method includes performing a first phone call using the Xtel equipment to obtain a first set of call-specific drive test data from an area covered by the wireless network. This first set of data includes at least a time associated with the first phone call. The method also includes performing a second phone call using the Lucent equipment to perform an RF call trace. This second phone call is made in connection with the drive test and provides a second set of call-specific data. As for the first set of data, the second set of data includes at least a time associated with the second phone call. Next, the method includes combining the first and second sets of data into a combined output file based on common time information. Then, the method includes processing the combined output file in a thematic mapping software program to provide a graphical representation of the combined output file. This embodiment can also be implemented in a system performing the method or on a computer-readable medium.